



Remember this Web Page

www.epa.gov/owow/nps/pubs.html

- **Polluted Runoff (Nonpoint Source Pollution)** Publications and Information Resources
- **Publications and Information Resources**
- **EPA Sites**
- Instructions on how to sign up for an email discussion list focused on nonpoint source pollution.
- WATERS is a tool that unites water quality information previously available only on individual state agency homepages and at several Environmental Protection Agency (EPA) websites. State and federal water quality managers, as well as interested citizens, can use WATERS to quickly identify the status of individual waterbodies of interest to them. It can also be used to generate summary reports on all waters of a state.
- The Web-based Reach Indexing Tool (WebRIT-WATERS) is an interactive mapping procedure that allows users to view surface waters within the National Hydrography Dataset (NHD) and related information about these waters and their watersheds as context for georeferencing their own water quality information to the NHD, including projects funded under Clean Water Act Section 319h (Nonpoint Source Implementation Grants).
- This draft handbook is intended to help communities, watershed organizations, and state, local, tribal and federal environmental agencies develop and implement watershed plans to meet water quality standards and protect water resources. It was designed to help any organization undertaking a watershed planning effort, and it should be particularly useful to persons working with impaired or threatened waters. EPA intends for this handbook to supplement existing watershed planning guides that have already been developed by agencies, universities, and other nonprofit organizations.
- Nonpoint Source News-Notes is an occasional bulletin dealing with the condition of the water-related environment, the control of nonpoint sources of water pollution, and the ecosystem-driven management and restoration of watersheds.
- *National Management Measures to Control Nonpoint Source Pollution from Agriculture* is a technical guidance and reference document for use by State, local, and tribal managers in the implementation of nonpoint source pollution management programs. It contains information on the best available, economically achievable means of reducing pollution of surface and ground water from agriculture (Final Version - July 2003).
- This report helps forest owners protect lakes and streams from polluted runoff that can result from forestry activities. These scientifically sound techniques are the best practices known today. The report will also help states to implement their nonpoint source control programs. Note: The guidance is national in scope, so it does not address local or regional soils, climates, or forest types.
- The primary goal of this guidance document is to provide technical assistance to states, territories, tribes, and the public for managing hydromodification activities and reducing associated NPS pollution of surface and ground water. The document describes examples of the implementation of practices that can be used to reduce NPS pollution from activities associated with channelization and channel modification, dams, and streambank and shoreline erosion.
- *National Management Measures to Control Nonpoint Source Pollution from Marinas and Recreational Boating* is a technical guidance and reference document for use by State, local, and tribal managers in the implementation of nonpoint source pollution management programs. It contains information on the best available, economically achievable means of reducing pollution of surface water runoff from marinas and recreational boating. (Final Version)
- This guidance helps citizens and municipalities in urban areas protect bodies of water from polluted runoff that can result from everyday activities. These scientifically sound techniques are the best practices known today. The guidance will also help states to implement their nonpoint source control programs and municipalities to implement their Phase II Storm Water Permit Programs.

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This guidance document is intended to provide technical assistance to State, local, and tribal program managers and others on the best available, economically achievable

Nonpoint Source (NPS) Management Program Plan - Why Write It?

- Foundation of the Tribe's NPS Program.
- Provides a roadmap for future natural resource management actions on tribal lands.
- Is the foundation for annual workplans

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Nonpoint Source (NPS) Management Program Plan - What Is It?

- A multiyear strategy document
- Describes how the Tribe will address problems identified in the NPS Assessment Report
- Identifies projects to implement management practices for NPS pollution prevention
- Identifies working relationships (*tribal government, other agencies etc.*)

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Management Measures (MM)

- Activities used to prevent or mitigate impacts to water quality
- MM can be structural or nonstructural

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MM Structural Examples

- Fencing riparian areas—keep livestock out of riparian areas
 - This practice reduces sloughing of stream bank soils due to hoof and head action
 - Streamside vegetation and natural stream bank angles, width, depth, and undercut are maintained



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MM Structural Examples (continued)

- Vegetated filter strip
- Streambank restoration
- Culvert removal



MM Structural Examples (continued)

- Site cleanup
- Road decommissioning
- Gabions
- Silt fence
- Infiltration basin



MM Nonstructural Examples

- Planning and Zoning Codes
- Permit Requirements
- Education and Community Outreach
- Conservation Easements
- Farming Practices e.g. Contour Farming, Crop Rotations



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NPS Management Program Plan Components

- Cover
- Contents
- Overview
- Introduction
- Management Program Summary
- Management Program
 - Implementation program
 - Budget plan
- Existing Authorities and Programs
- References
- Appendices
- Acronym List

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Overview

- State purpose of this document
- Explain need for NPS management program on tribal lands *(to address NPS issues)*
- Provide summary of major conclusions of NPS Management Program Plan

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Introduction

- Describe goals and objectives of NPS Management Program
- Describe & Identify
 - NPS problem areas
 - Priority waterbodies
 - BMP solutions
- How the Management Plan will be evaluated and revised

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Management Program Summary

- Identify legal authority
- Identify the administering agency
- Explain how program is organized
- Funding mechanisms



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Management Program

- Organize by NPS pollution categories that are identified as priorities in the assessment report
- Include a list or table of the priority watersheds to be addressed by the NPS Management Program Plan



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Management Program



- NPS Pollution Categories
 - Problems and needs associated with source
 - Information on primary pollutants
 - Percentage of land use associated with NPS pollution category (e.g., 50% is agricultural)
- Describe NPS management measures (MMs) that will be implemented
- Provide a schedule including measurable milestones (long-term vs. short-term)

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Management Program



For each category (MM), determine and include supporting text for:

- Specific MMs
- Watersheds and Critical Areas
- Lead agency
- Cooperating agencies (identify role, technical assistance)
- Information and education plan
- Funding schedule and budget plan
- Implementation schedule and milestones

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Management Program (continued)

Agriculture Milestones

Activity	Year 1	Year 2	Year 3	Year 4	Year 5
Demonstration – winter grazing and feeding on Coyote Creek	X				
Implement 4 grazing BMPs on range units 9 and 10 on Little Fox Creek		X			
Monitor range units 9 and 10 for water quality changes		X	X	X	X

Silviculture Milestones

Activity	Year 1	Year 2	Year 3	Year 4	Year 5
Stabilize abandoned logging roads		X	X	X	X

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Management Program (continued)

• Funding schedule/budget plan

ACTIVITY		FUNDING SOURCE						
Year 1	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS
Activity 1	\$\$	\$	\$	\$	\$	\$	\$	\$
Activity 2	\$\$	\$	\$	\$	\$	\$	\$	\$
Activity 3	\$\$	\$	\$	\$	\$	\$	\$	\$
Year 2	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS
Activity 1	\$\$	\$	\$	\$	\$	\$	\$	\$
Activity 2	\$\$	\$	\$	\$	\$	\$	\$	\$
Activity 3	\$\$	\$	\$	\$	\$	\$	\$	\$
Year 3	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS
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Year 5	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS

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Management Program (continued)

Identify any additional, long-term objectives for the NPS category

Examples include:

- Participate in regional planning efforts that can impact Tribal lands
- Pursue land acquisitions
- Pursue funding from USDA cost share programs
- Restore minimum flows and regulate impoundments
- Develop ordinance for clustered urban development

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Existing Authorities and Programs

- Identify and describe any tribal or federal NPS pollution laws or programs
- Describe any specific programs (in addition to CWA 319) that provide financial or technical assistance



Existing Authorities and Programs (continued)

- Cite references to EPA, USDA, and other cooperating agency guidance and policy documents
 - E.g. Management Measures Documents from NPS Branch of EPA Office of Water.
- Describe agreements for technical assistance that have been developed.

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Existing BMPs

Table 6. Existing agriculture BMPs by nonpoint source category

NPS Category	Nonpoint Source	NRCS Conservation Practice Standards		Responsible Parties/Cooperators	Potential Funding Sources
Hydrologic & Habitat Modification	Historic Overgrazing, Erosion & Habitat Destruction & Natural Geologic	322	Channel Vegetation	Tribal EPA/NRCS	CWA 319
		390	Riparian Herbaceous Cover	Tribal EPA/NRCS	CWA 319
		395	Stream Habitat Improvement & Management	Tribal EPA/NRCS/USFW/University	CWA 319/USFW
		410A	Grade Stabilization Structures (Rock Drop)	Tribal EPA/NRCS	CWA 319
		584	Stream Channel Stabilization	Tribal EPA/NRCS	CWA 319

Other Sections

- References
- Appendices
- Acronym list

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Show Me the Money!

Check:

Catalog of Federal Funding Sources for Watershed Protection

(www.epa.gov/watershedfunding)

An interactive database

Other sources are linked from the
EPA Watershed Funding page:
www.epa.gov/owow/funding.html

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USDA Funding Sources: Farm Bill Programs

- Cooperative Forestry Assistance Program
- Environmental Quality Incentive Program (EQIP)
- Conservation Reserve Program (CRP)
- Grasslands Reserve Program
- Wetlands Reserve Program
- Wildlife Habitat Incentives Program
- Small Watershed Rehabilitation Program
- Water and Waste Disposal Systems for Rural Communities

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Summary: Please cover the following (1 of 6)

- A description of BMPs and measures that will be used to reduce pollutant loadings resulting from each category and subcategory of nonpoint source pollution identified in the assessment report. The impact of the practices on ground water should also be discussed.

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Summary: Please cover the following (2 of 6)

- A description of the programs that will be used to achieve implementation of the BMPs identified in paragraph (1). These may include, as appropriate, nonregulatory or regulatory programs for enforcement, technical assistance, financial assistance, education, training, technology transfer, and demonstration projects.

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Summary: Please cover the following (3 of 6)

- A schedule containing annual milestones for the implementation of the BMPs and programs identified in paragraphs (1) and (2).

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Summary: Please cover the following (4 of 6)

- A certification by an independent legal counsel that the laws of the tribe provide adequate authority to implement such a management program, or if there is not adequate authority, a list of additional authorities that might be necessary to implement the management program. There should also be a schedule and a commitment by the tribe to seek such additional authorities as expeditiously as practicable.

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Summary: Please cover the following (5 of 6)

- A list and descriptions of any sources of federal and other assistance/funding (other than 319(h)) that will be available for supporting the implementation of the nonpoint source pollution control measures identified in the tribe's nonpoint source management program.

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Summary: Please cover the following (6 of 6)

- Identification of any federal assistance programs and development projects to be reviewed by the tribe for their effect on water quality or inconsistency with the tribe's nonpoint source management program.

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Please let me be able to do this

- **Non-Point Source Assessment Report**

Section 319 (a)(1) Fulfilled on pages 21-22 and responsiveness summary.
Section 319 (a)(1)(A) Fulfilled on pages 12-15 and tables 5.5-7. Tables 1-4 provide summary characterization.
Section 319 (a)(1)(B) Fulfilled on pages 14-15, 20-21 and tables 1-4.
Section 319 (a)(1)(C) Fulfilled on pages 21-24, tables 7-9.
Section 319 (a)(1)(D) Fulfilled on page 22-23, as well as the Tribes CWA Section 106, and Direct Implementation Tribal Cooperative Agreement (DITCA).

- **Non-point Source Management Program**

Section 319 (b)(1) Responsiveness summary included.
Section 319 (b)(2)(A) Fulfilled on pages 6-8, 10-11 and table 1.
Section 319 (b)(2)(B) Fulfilled on pages 13-22.
Section 319 (b)(2)(C) Fulfilled in tables 3-10.
Section 319 (b)(2)(D) Resolution passed on 9/28/06, attached to formal application, as well as resolutions in attachments to Assessment Report.
Section 319 (b)(2)(E) Fulfilled on page 22.
Section 319 (b)(2)(F) Fulfilled on pages 4-6, 15-17.
Section 319 (b)(3) Fulfilled on pages 10-13.
Section 319 (b)(4) Fulfilled on pages 4-5, 9, 20-21, attachments A and B.
Section 319 (C) Fulfilled on pages 4, 10, 12 and 22.

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